

Amendments to the Drawings:

Please amend the Drawings by substituting the attached 17 replacement sheets for their corresponding drawing figures 2, 3, 4d, 5b, 7b, 8b, 9b, 10b, 11b, 14b, 15b-d, 16b-c and 17b.

Please note that Figures 1a and 1b, formerly appearing on the same page, now occupy separate pages. Figures 15b and 16b are now displayed as Figures 15b-c and 16b-c, respectively, with Figures 15c-d renamed as Figures 15d-e, respectively.



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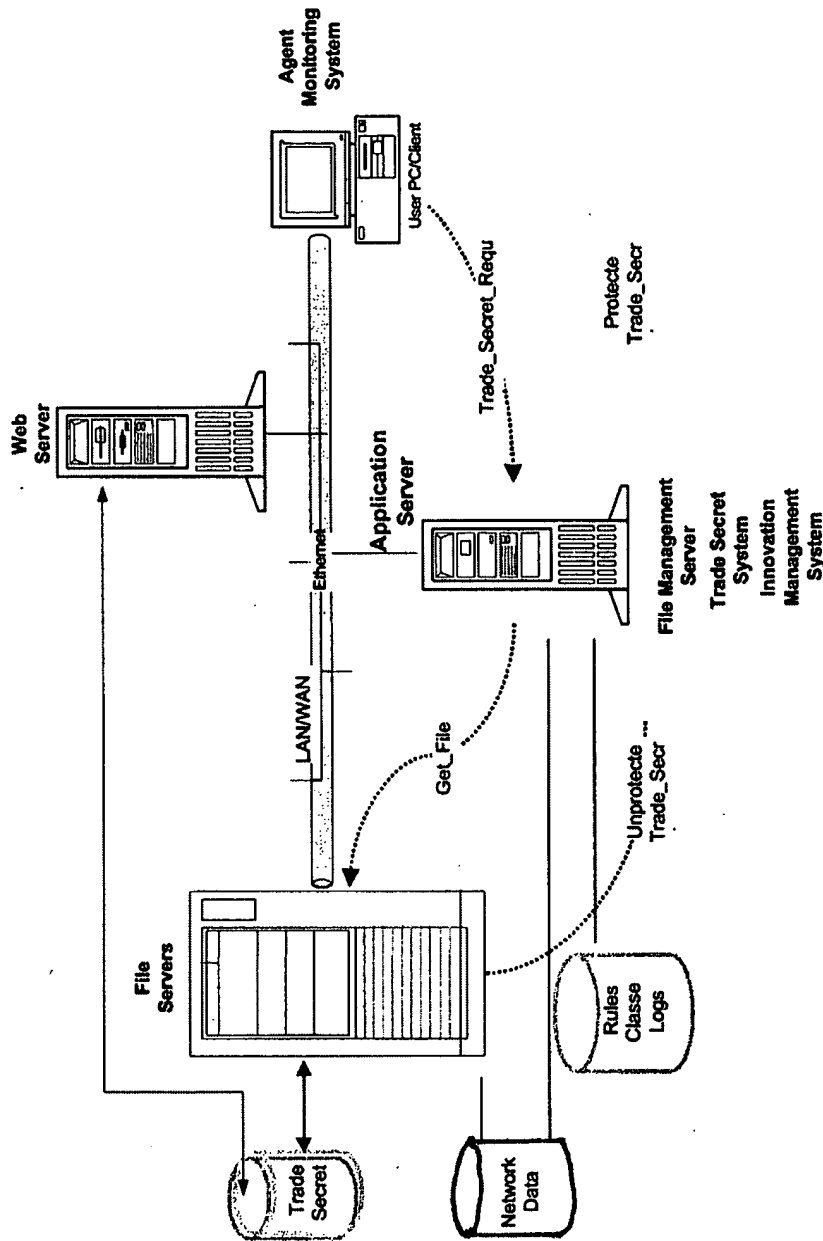


FIGURE 2



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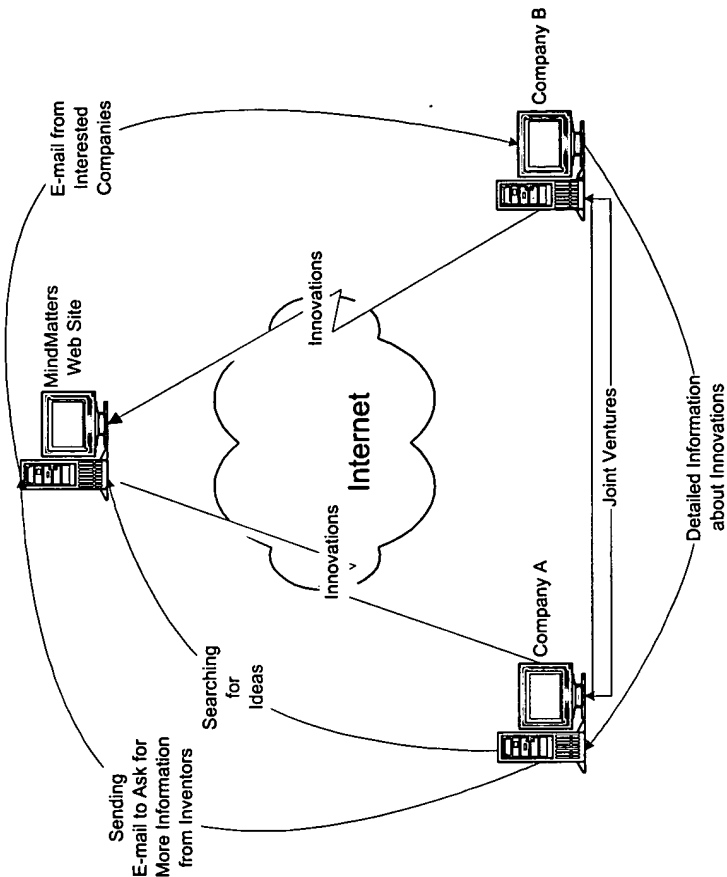


FIGURE 3



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Title	Documents	Other Authors	Status	Last Update	Search Agent	Create Date	IP Class	Protection	
Neural Network Optical Driver	C:\MMT\private	Smith, Jones, Gabrick	✓	11/29/99	Yes	11/29/99	Hardware	Executive Only	
Software System For AI Internet Searching	\\Bellevue\C\ProjectX	Orlowski	●	8/2/98		8/2/98	Software	All Employees	
HTML Authoring Tools	C:\IPX\Plans\Test	N.A.	✓	6/30/95	Yes	6/30/95	Software	Department Only	
NE128 Product Improvements	C:\Java\NE128	N.A.	✓	5/28/93		5/28/93	Improvement	Department Only	
Robotic Force Feedback Sensor	\\Allegheny\DRobots	Elston	●	1/11/92	Yes 5 Results	1/11/92	New	All Employees	
Software System For AI Internet Searching	\\Bellevue\C\ProjectX	Orlowski	●	8/2/98		8/2/98	Software	All Employees	
Neural Network Optical Driver	C:\MMT\private	Smith, Jones, Gabrick	✓	11/29/99	Yes	11/29/99	Hardware	Executive Only	
HTML Authoring Tools	C:\IPX\Plans\Test	N.A.	✓	6/30/95	Yes 2 Results	6/30/95	Software	Department Only	
Robotic Force Feedback Sensor	\\Allegheny\DRobots	Elston	●	1/11/92	Yes	1/11/92	New	All Employees	
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FIGURE 4d



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Smith, John

SS#	Hire Date	Title	E-Mail	Location	Dept.	ID#	Manager
123-45-6789	6-30-1995	Mgr, Development	Smith@mmt.com	Pittsburgh	5600	IA8592	Gerstner

Innovations

Title	Status	Date
Neural Network Optical Driver	✓	3-2-00
Software System For AI Internet Searching	●	1-3-98
HTML Authoring Tools	✓	8-19-98
NE126 Product Improvements	✓	6-12-98
Robotic Force Feedback Sensor	●	11-5-95

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New Employment, Competitive Assessment	<input type="checkbox"/>
Review Proprietary Access Log	<input type="checkbox"/>
Compliance Sign-off	<input type="checkbox"/> Form R4.99

Proprietary Projects

Alpha 470	JR-574	XR 3147	XZ-99383	JG-873497
Beta 391	Beta 646	Beta 989	Beta 877	
X15				

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FIGURE 5b



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FIGURE 7b



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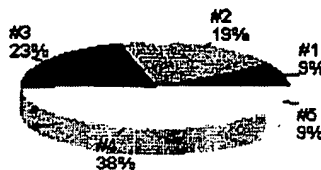
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Personal Home Page Hits

Search Term	Who	Date
1. Software Intelligence	124.34.5.113 View Results Delete	1-13-00
2. Internet Searching	124.34.5.120 View Results Delete	2-4-00
3. Neural Network	124.34.5.126 View Results Delete	2-4-00

File Cabinet Hits (Internal)

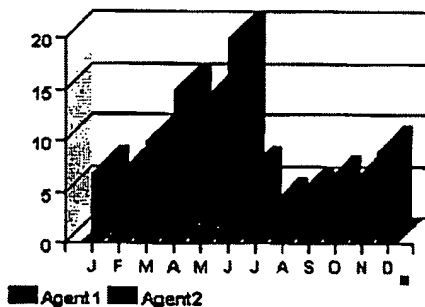
Title	Hits
1. Software System For AI Internet Searching	0
2. NE126 Product Improvements	1
3. Biometric Nanocircuit	0
4. Nucleotide Combination for Peptides	1
5. Browser Search Agent	0



Collaboration Agents

Title	Posted Hits
1. (Neural Network) AND (AI) OR Artificial View Results Edit Delete	11-29-99 5
2. "Optical Drivers" View Results Edit Delete	1-2-00 1

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FIGURE 86



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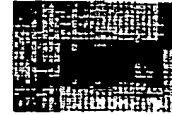
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1. ★ ★ John Smith, *Neural Network Optical Driver*
2. ★ Tim Balushi, *Software Optimization for CNC Drives*
3. ★ Martha Jones, *Robotic Force Feedback*
4. ★ Julie Selleck, *IP Accounting System*
5. ★ John Smith, *Neural Network Optical Driver*
6. Tim Balushi, *Software Optimization for CNC Drives*
7. Martha Jones, *Robotic Force Feedback*
8. Julie Sun, *IP Accounting System*
9. Carole Williams, *New Grammy Hit*
10. ★ Martha Jones, *E-Commerce One-Click Click System*

Spotlight



NEW

Susan Jones, Bryan Beem, and John Wayne's *Voice Recognition for Embedded Systems* As consumer products get more and more complex, there is a need for an easier means of interaction with these complex machines. One way to make interaction smoother is by allowing interaction through natural language.

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File Cabinet

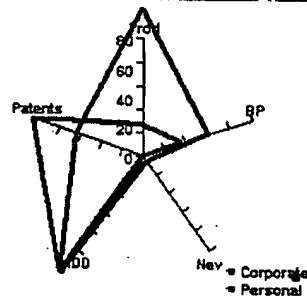
Search: <input type="text"/>		Sort: <input type="text" value="Date"/>	Filter: <input type="text" value="Neural"/>		
Date	Title	Status	Search		
3-12-00	Neural Network Optical Driver	✓	🔍		
6-1-99	Software System For AI Internet Searching	✓	🔍		
11-29-98	HTML Authoring Tools	✓	🔍		
5-12-97	NE126 Product Improvements	✓	🔍		
1-11-92	Robotic Force Feedback Sensor	✓	🔍		
10-15-90	Biometric Nanocircuit	✓	🔍		
8-6-89	Nucleotide Combination for Peptides	✓	🔍		
4-31-89	Browser Search Agent	✓	🔍		

Collaboration Agents

Date	Title	Status
3-12-00	(Neural Network) AND (AI) OR Artificial	●
View Results Edit Delete		
6-1-99	"Optical Drivers"	●
View Results Edit Delete		

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5
50

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FIGURE 9b



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Explorer

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Inventor(s) Information

Name	Location	Dept.	ID#	Manager
Contributor 1 John Gabrick	Pittsburgh	5800	1A8592	Gerstner
Contributor 2 Cash Elston	Redmond	5800	1A5623	Welch
Sponsor Tom Jones	Seattle	8700	9A7812	Smith

LookUp

Innovation Information

Innovation Name Neural Network Optical Driver

Innovation Type Business-to-Business

Supporting Electronic Documents C:\My Documents\NNOD-v1.doc

Supporting Paper Documents	Title	
	Date	
Generate Barcode	Type	
	Location	

Description This system automatically updates and adjusts to changes in ambient light. Users are able to build robotic guidance systems that adapt to any lighting scheme

Key Words Neural Network, Lighting, Robotic Guidance

Protection Information

Route to Corporate Counsel? ☐ yes

Potential Trade Secret? ☐ yes

Initial Protection Level Department Only

Warning Message

Encryption ☐ yes

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FIGURE 10b



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Search Results

Rank	Status	Information	Location	Details	Date
99%	External	New Neural Network Optical Driver in use by Ariva's	http://www.ariva.com/test.html	Neural Network Optical Driver	ICS781 5/25/00
98%	Internal	Network Optical Drivers	\\bellevue\ServerA_1\C:\NOD	Corbis, John 412-388-1221	Mgr., PVC Development smith@us-mmt.com 5/25/00
98%	External	The Intellectual Property Site	http://www.gm.com	Neural Network Optical Driver	ICS781 5/25/00
98%	External	Oppedahl & Larson LLP Patent Law Web Server	http://www.patents.com	Neural Network Optical Driver	ICS781 5/25/00
70%	External	Franklin Pierce Law Center's Homepage	http://www.fplc.edu	Neural Network Optical Driver	ICS781 5/25/00
68%	Internal	Intellectual Property Law	\\bellevue\customers\leagle.doc	Jones, Cash 412-388-8254	Dir., Strategy jones@ip-mmt.com 5/25/00
65%	External	Intellectual Property Checklist	http://www.utsystem.edu/ogc/	Neural Network Optical Driver	ICS781 5/25/00
65%	External	IBM Intellectual Property Network	http://www.patents.ibm.com		5/25/00
50%	External	Intellectual Property	http://www.intellectual-property.co.uk		5/25/00
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FIGURE 11b



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FIGURE 14b



FIGURE 15b



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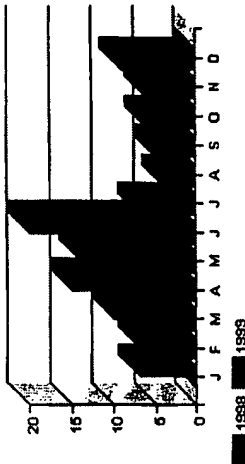
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Title		Authors ? Rank	
Neural Network Optical Driver	Gabrick	92%	
Software System For AI	Ortowski	82%	
Internal Searching	N.A.	79%	
HTML Authoring Tools	N.A.	65%	
NE126 Product Improvements	Elston	55%	
Robotic Force Feedback Sensor	Ortowski	45%	
Software System For AI	Smith	38%	
Internal Searching	N.A.	36%	
HTML Authoring Tools	Elston	31%	
Robotic Force Feedback Sensor			

Innovation Performance

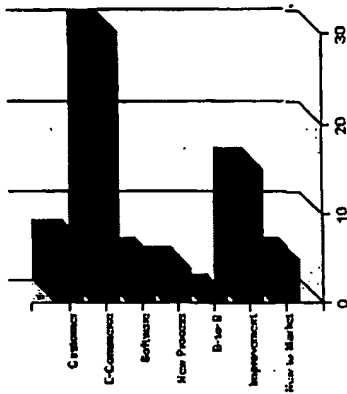


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Invention Disclosures
Active Innovations
Budgeted Innovations
Closed Innovations
Rejected Innovations

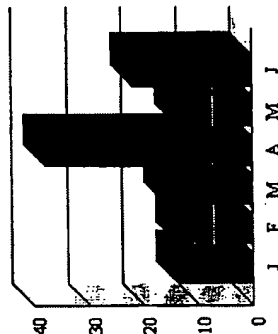
2156
263
55
489
1349

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Title		Authors ? Rank	
1. Neural Network Optical Driver	Gabrick	92%	
2. Software System For AI Internal	Ortowski	82%	
3. Searching	N.A.	79%	
4. NE126 Product Improvements	N.A.	65%	
5. Robotic Force Feedback Sensor	Elston	55%	
6. Software System For AI Internal	Ortowski	45%	
7. Neural Network Optical Driver	Smith	38%	
8. HTML Authoring Tools	N.A.	36%	
9. Robotic Force Feedback Sensor	Elston	31%	

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Departments		Seattle, WA	
Marketing	Sales	WSA	International Finance
Business Development	Patent	Corporate	More
Pittsburgh, PA			
Sales	International Finance	Patent	Corporate
Counsel	Software Development	Technical Support	Customer Service
Accounting			
London, England			
International Finance	Business Development	Patent	Corporate
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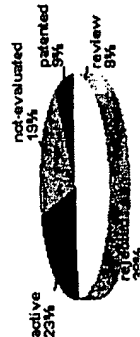


FIGURE 15c



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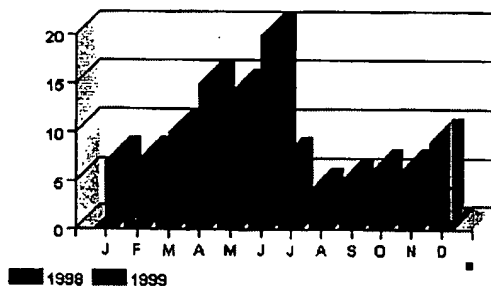
Criteria	Result	Company	%	Rank	Pts
1. Personal Home Page Hits	103	125,119	7.1%	Top 10	52
2. File Cabinet Hits	58	204,532	7.0%	Top 50	5
3. Collaboration Agent Hits	12	23,221	7.0%	Top 50	12
4. Citations	5	3,208	7.2%	Top 10	60
5. Submissions	20	8,018	7.3%	Top 25	20
6. Analysis Performed	25	36,112	7.1%	Top 25	50
7. NDA Citations	1	58	1.7%	Top 10	50
8. Downloads	6	7,863	0.1%		12
9. Internet Publications	0	98	0.0%		0
10. Licenses	1	12	3.3%	Top 10	500
11. Accepted Innovations	8	400	2.0%	Top 50	80
12. Patents	2	52	3.8%	#1	2000
TOTAL					2841

Performance

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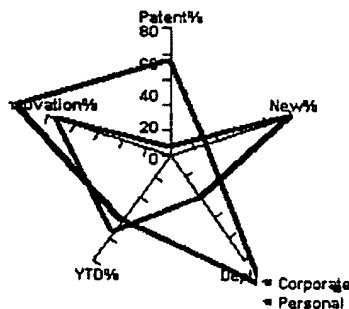
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FIGURE 15d



FIGURE 15c



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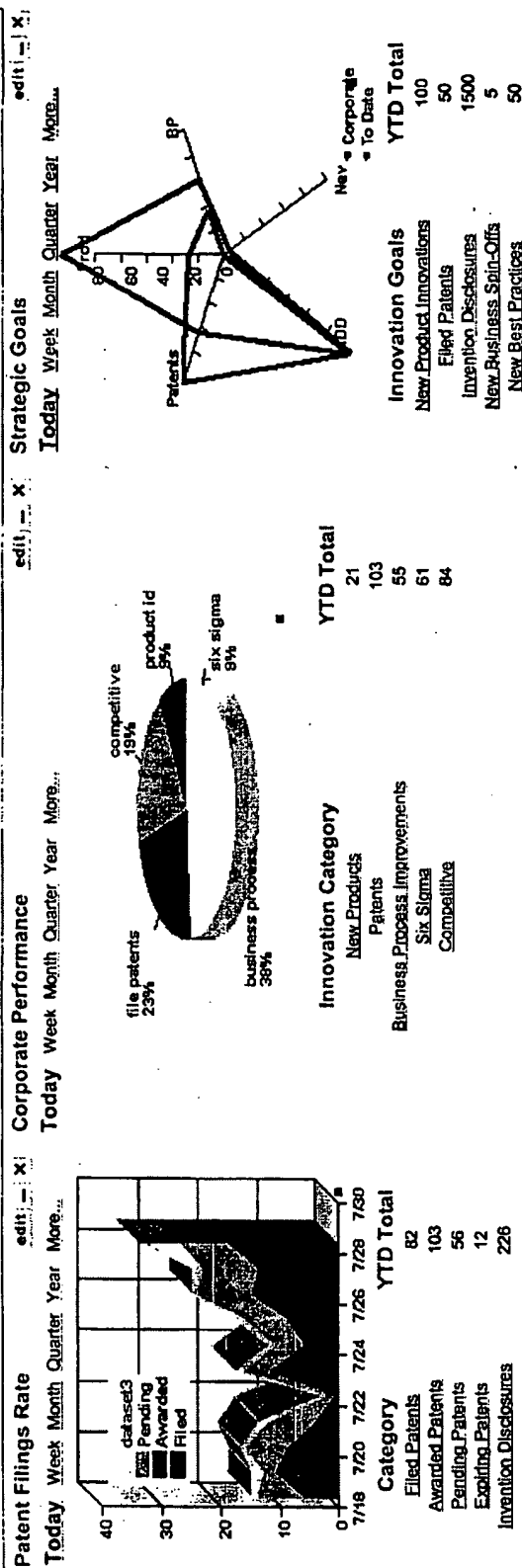


FIGURE 166



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Software System For AI Internal Searching	Orowski	82%
HTML Authoring Tools	N.A.	79%
NE126 Product Improvements	N.A.	65%
Robotic Force Feedback Sensor	Elston	55%
Software System For AI Internal Searching	Orowski	45%
Neural Network Optical Driver	Smith	38%
HTML Authoring Tools	N.A.	36%
Robotic Force Feedback Sensor	Elston	31%

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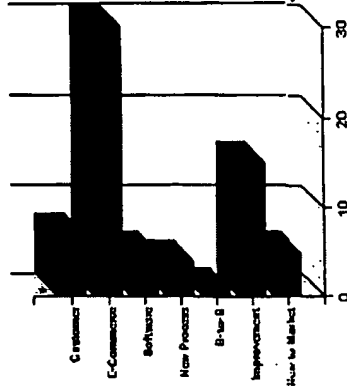


YTD Total

Innovation Category	YTD Total
Invention Disclosures	2156
Active Innovations	283
Budgeted Innovations	55
Closed Innovations	489
Rejected Innovations	1349

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Authors ? Rank

Title	Authors	Rank
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2. Software System For AI Internal Searching	Orowski	82%
3. HTML Authoring Tools	N.A.	79%
4. NE126 Product Improvements	N.A.	65%
5. Robotic Force Feedback Sensor	Elston	55%
6. Software System For AI Internal Searching	Orowski	45%
7. Neural Network Optical Driver	Smith	38%
8. HTML Authoring Tools	N.A.	36%
9. Robotic Force Feedback Sensor	Elston	31%

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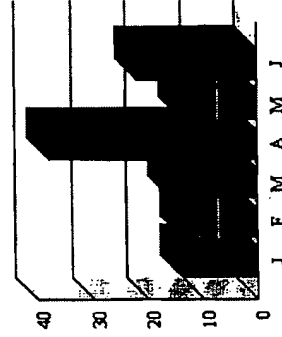


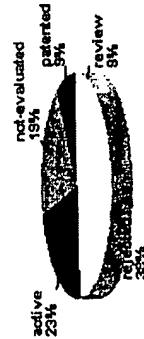
FIGURE 16c

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Business Development Patent Corporate More

Pittsburgh, PA
Sales International Finance Patent Corporate
Consulting Software Development Technical Support
Customer Service Accounting More

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International Finance Business Development
Patent Corporate Counsel Software Development
Technical Support Customer Service
Accounting More





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- [5 New Innovation Disclosures](#)
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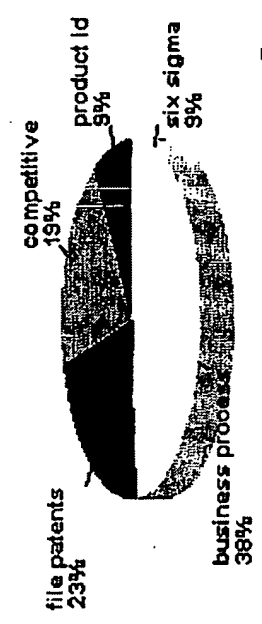
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New Product Innovations	1	100
Filed Patents	1	50
Invention Disclosures	5	1500
New Business Spin-Offs	0	5
New Best Practices	2	50

Active

In-Review

Patents

Trade Secrets

Trademarks

Copyrights

Licenses

Non-Active

Rejected

FIGURE 17b